

=&gt; d his

(FILE 'HOME' ENTERED AT 08:00:21 ON 02 FEB 2004)  
SET COST OFF

FILE 'REGISTRY' ENTERED AT 08:00:33 ON 02 FEB 2004

L1 1 S POLYETHYLENE GLYCOL/CN  
L2 2 S (GLYCERIN OR DIGLYCEROL)/CN  
L3 9 S C6H14O5/MF AND PROPANEDIOL AND OXYBIS  
L4 2 S (LACTIC ACID OR SALICYLIC ACID)/CN  
L5 3 S 10326-41-7 OR 79-33-4 OR 50-21-5  
L6 10 S 22098-76-6 OR 13076-19-2 OR 13076-17-0 OR 4511-42-6 OR 95-96-  
L7 13 S L5,L6  
SEL RN  
L8 4173 S E1-E13/CRN  
L9 1371 S L8 NOT PMS/CI  
L10 174 S L9 NOT ((IDS OR MXS)/CI OR UNSPECIFIED OR WITH OR COMPD OR C  
L11 29 S L10 AND NR>=1  
L12 145 S L10 NOT L11  
L13 2802 S L8 NOT L9  
L14 1221 S L13 AND C3H6O3  
L15 6 S L14 AND 1/NC  
L16 1589 S L13 AND C6H8O4  
L17 6 S L16 AND 1/NC AND OC2OC2/ES

FILE 'HCAPLUS' ENTERED AT 08:11:50 ON 02 FEB 2004

L18 105 S ETHOXYDIGLYCOL OR ETHOXY DIGLYCOL  
L19 1 S L18 AND (LOPEZ ? OR CABRERA ? OR HOMEDES ? OR BEGUER ?)/AU  
SEL RN

FILE 'REGISTRY' ENTERED AT 08:15:24 ON 02 FEB 2004

L20 9 S E14-E22  
L21 4 S (PROPYLENE GLYCOL OR BUTYLENE GLYCOL)/CN  
L22 1 S OLEIC ACID/CN  
L23 1 S L20 AND C6H14O3

FILE 'HCAPLUS' ENTERED AT 08:25:17 ON 02 FEB 2004

E CUCUMIS SATIVUS/CT  
E E3+ALL  
L24 2475 S E2  
E E2+ALL  
L25 6027 S E16-E18  
L26 2796 S E15+NT  
L27 14643 S E16/BI OR E18/BI  
L28 4074 S E19-E22/BI  
L29 5243 S E7/BI  
L30 1030 S E6/BI  
L31 316 S C SATIVUS  
L32 24 S CORNICHON  
L33 16614 S L24-L32  
E CETRARIA/CT  
E E11+ALL  
L34 103 S E6+NT  
L35 191 S E6/BI  
E E5+ALL  
L36 181 S E5+NT  
L37 283 S E13/BI OR C ISLANDICA OR ICELAND?(2A)MOSS  
E PARMELIACEAE/CT  
E E3+ALL  
L38 22 S E5/BI,CT  
L39 375 S L34-L38  
E MIMOSA/CT  
E E42+ALL

L40 27 S E8  
 L41 30 S E8-E9/BI  
 E E7+ALL  
 L42 465 S E7+NT  
 L43 30 S (MIMOSA OR M) ( ) TENUIFLORA  
 E MIMOSACEAE  
 L44 122 S E2-E8  
 L45 951 S L38-L44  
 E MATRICARIA/CT  
 L46 428 S E13-E15  
 E E13+ALL  
 L47 577 S E9,E8+NT  
 L48 956 S E8/BI OR E9/BI OR E10-E12/BI  
 L49 98 S (CHAMOMIL? OR CHAMMOMIL? OR CHAMOMMIL? OR CHAMMOMMIL? OR CAMO  
 L50 2239 S CHAMOMIL? OR CHAMMOMIL? OR CHAMOMMIL? OR CHAMMOMMIL? OR CAMOM  
 L51 2417 S L47-L50  
 L52 30823 S L21  
 L53 46270 S PROPYLENEGLYCOL OR BUTYLENEGLYCOL OR (PROPYLENE OR BUTYLENE) (   
 L54 61595 S L52,L53  
 L55 72924 S L1  
 L56 109556 S POLYETHYLENEGLYCOL OR POLYETHYLENEOXIDE OR (POLYETHYLENE OR P  
 L57 46094 S POLYOXYETHYLENE OR (POLYOXY OR POLY OXY) ( ) ETHYLENE OR POLY ( ) (   
 L58 16411 S PEO OR POE OR EO  
 E POLYALKYLENE/CT  
 E POLYOXYALKYLENE/CT  
 E POLYOXYALKYLENES/CT  
 L59 61702 S E3  
 E POLYOXYALKYLENES, /CT  
 L60 40104 S E6,E7,E20,E21  
 L61 187271 S L55-L60  
 L62 81898 S L4-L7,L12,L15,L17  
 L63 188072 S LACTIC ACID OR LACTATE OR SALICYLIC ACID OR SALICYLATE  
 L64 134032 S ?LACTIC?  
 L65 257737 S L62-L64  
 L66 41220 S L22  
 L67 69444 S OLEIC ACID OR OLEATE  
 L68 79799 S L66,L67  
 L69 2641 S L23  
 L70 231 S 2 2 ETHOXYETHOXY ETHANOL  
 L71 1219 S DIETHYLENE GLYCOL MONOETHYL ETHER  
 L72 256 S DIETHYLENE GLYCOL ETHYL ETHER  
 L73 238 S TRANSCUTOL  
 L74 2720 S CARBITOL  
 L75 96 S ETHYLCARBITOL  
 L76 5647 S L18,L69-L75  
 L77 56458 S L2 OR L3  
 L78 148017 S GLYCERIN# OR DIGLYCEROL# OR DIGLYCERIN# OR GLYCEROL#  
 L79 6792 S 1 2 3 PROPANETRIOL  
 L80 6972 S PROPANETRIOL  
 L81 154483 S L77-L80  
 L82 204 S L54 AND L33,L39,L45,L51  
 L83 291 S L61 AND L33,L39,L45,L51  
 L84 11 S L76 AND L33,L39,L45,L51  
 L85 378 S L81 AND L33,L39,L45,L51  
 L86 198 S L68 AND L33,L39,L45,L51  
 L87 594 S L65 AND L33,L39,L45,L51  
 L88 166 S L82 AND L83-L87  
 L89 121 S L83 AND L84-L87  
 L90 6 S L84 AND L85-L87  
 L91 100 S L85 AND L86-L87  
 L92 34 S L86 AND L87  
 L93 97 S L88 AND L89-L92  
 L94 121 S L89 AND L90-L82

L95 3 S L90 AND L91-L92  
 L96 26 S L91 AND L92  
 L97 72 S L93 AND L94-L96  
 L98 14 S L94 AND L95,L96  
 L99 2 S L95 AND L96  
 L100 7 S L97 AND L98,L99  
 L101 6 S L100 NOT STATUS/TI  
       E LOPEZ C/AU  
       E LOPEZ CABRERA/AU  
 L102 12 S E4,E5  
       E CABRERA/AU  
 L103 47 S E10  
       E HOMEDES B/AU  
 L104 3 S E4  
 L105 1 S E6  
       E BEGUER/AU  
 L106 23 S (DELESTEVE? OR DEL()ESTEVE?)/PA,CS  
 L107 1 S L102-L106 AND L33,L39,L45,L51  
 L108 1 S L39 AND L65 AND L33 AND L68 AND (L51 OR L45)  
 L109 1 S L107,L108,L19  
 L110 1 S L109 AND L18,L19,L24-L109  
       E WOUND/CT  
 L111 10487 S E6+NT OR E9+NT OR E10  
 L112 51 S L111 AND YEAST/CT  
       E PRURI/CT  
 L113 3 S L112 AND E10-E12  
 L114 1 S L113 NOT (OLIGO? OR CARBO?)/TI  
 L115 1 S L110,L114

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 09:15:21 ON 02 FEB 2004  
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FILE COVERS 1907 - 2 Feb 2004 VOL 140 ISS 6  
 FILE LAST UPDATED: 1 Feb 2004 (20040201/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

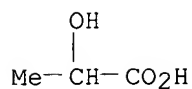
=> d l115 all hitstr

L115 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:591672 HCAPLUS  
 DN 137:129923  
 ED Entered STN: 09 Aug 2002  
 TI Preparation containing **lactic** and **salicylic acids** for veterinary use  
 IN **Lopez Cabrera, Antonio; Homedes Beguer, Josep**  
 PA **Laboratorios Del Esteve, S.A., Spain**

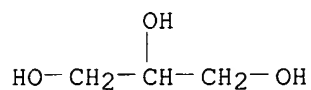
SO Eur. Pat. Appl., 10 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 IC ICM A61P027-16  
 ICS A61K035-78  
 ICI A61K035-78, A61K031-60, A61K031-20, A61K031-19  
 CC 63-6 (Pharmaceuticals)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1228784	A2	20020807	EP 2001-500299	20011228
	EP 1228784	A3	20031217		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	ES 2171147	A1	20020816	ES 2001-254	20010206
	US 2003068294	A1	20030410	US 2002-43168	20020114
PRAI	ES 2001-254	A	20010206		
AB	<p>Preparation for veterinary use includes at least one keratolytic and cerumenolytic cleaning agent, one bactericide agent, one yeast control agent and one anti-irritant and anti-pruriginous agent. Furthermore, it may include at least one agent that enhances its cerumenolytic properties, at least one vegetable extract with antiseptic and cicatrizant properties and/or at least one deodorant agent. The agent with cleaning keratolytic action and cerumenolytic is <b>lactic acid</b>, <b>salicylic acid</b>, or a mixture of the two. The bactericide agent is <b>Cetraria islandica</b> extract. The yeast control agent is <b>lactic acid</b>, <b>salicylic acid</b> or a mixture of the two. The anti-irritant and anti-pruriginous is a vegetal extract of <b>Cucumis sativus</b>. The agent that enhances the cerumenolytic effect is <b>oleic acid</b>. The vegetal extract is <b>Mimosa tenuiflora</b> extract, <b>Cetraria islandica</b> extract, <b>Chamomilla recutita</b> extract or a mixture of them. The deodorant is <b>Cetraria islandica</b> extract. For example, a composition with cleaning effect and for removing wax and secretion from the dog's auditory canal, and therefore reducing otitis contained <b>butylene glycol</b> 720 g, <b>polyethylene glycol</b> 125 g, <b>ethoxydiglycol</b> 50 g, deionized water 25 g, <b>glycerin</b> 31 g, <b>lactic acid</b> 20.3 g, <b>C. sativus</b> extract 8 g, <b>C. islandica</b> extract 8 g, <b>M. tenuiflora</b> extract 8 g, <b>oleic acid</b> 2.5 g, and <b>salicylic acid</b> 2.2 g.</p>				
ST	lactate salicylate vegetable ext topical ear veterinary				
IT	Wound healing promoters (cicatrizants; topical prepns. containing <b>lactic</b> and <b>salicylic acids</b> and vegetable exts. for veterinary use)				
IT	Malassezia Yeast (control; topical prepns. containing <b>lactic</b> and <b>salicylic acids</b> and vegetable exts. for veterinary use)				
IT	<b>Cetraria islandica</b> <b>Cucumber (Cucumis sativus)</b> <b>Matricaria recutita</b> <b>Mimosa tenuiflora</b> (exts.; topical prepns. containing <b>lactic</b> and <b>salicylic acids</b> and vegetable exts. for veterinary use)				
IT	<b>Pruritus</b> (inhibitors; topical prepns. containing <b>lactic</b> and <b>salicylic acids</b> and vegetable exts. for veterinary use)				

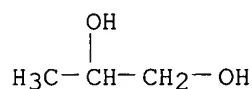
- IT Skin, disease  
(irritation, inhibitors; topical prepsns. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)
- IT Skin  
(keratolytics; topical prepsns. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)
- IT Ear, disease  
(otitis, prevention of; topical prepsns. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)
- IT Drug delivery systems  
(solns., ear; topical prepsns. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)
- IT Antibacterial agents  
Cat (*Felis catus*)  
Deodorants  
Disinfectants  
Dog (*Canis familiaris*)  
(topical prepsns. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)
- IT **Polyoxyalkylenes, biological studies**  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(topical prepsns. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)
- IT Drug delivery systems  
(topical, otic; topical prepsns. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)
- IT Ear  
(wax, cerumenolytics; topical prepsns. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)
- IT 50-21-5, **Lactic acid**, biological studies  
56-81-5, **Glycerine**, biological studies 57-55-6  
, **Propylene glycol**, biological studies 69-72-7  
, **Salicylic acid**, biological studies 111-90-0  
112-80-1, **Oleic acid**, biological studies  
25265-75-2, **Butylene glycol** 25322-68-3  
, **Polyethylene glycol** 59113-36-9,  
**Diglycerol**  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(topical prepsns. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)
- IT 50-21-5, **Lactic acid**, biological studies  
56-81-5, **Glycerine**, biological studies 57-55-6  
, **Propylene glycol**, biological studies 69-72-7  
, **Salicylic acid**, biological studies 111-90-0  
112-80-1, **Oleic acid**, biological studies  
25265-75-2, **Butylene glycol** 25322-68-3  
, **Polyethylene glycol** 59113-36-9,  
**Diglycerol**  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(topical prepsns. containing **lactic** and **salicylic acids** and vegetable exts. for veterinary use)
- RN 50-21-5 HCAPLUS
- CN Propanoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



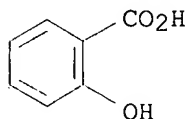
RN 56-81-5 HCAPLUS  
CN 1,2,3-Propanetriol (9CI) (CA INDEX NAME)



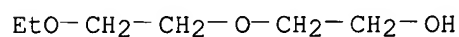
RN 57-55-6 HCAPLUS  
CN 1,2-Propanediol (8CI, 9CI) (CA INDEX NAME)



RN 69-72-7 HCAPLUS  
CN Benzoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)

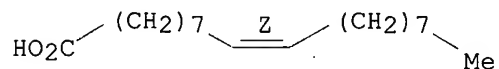


RN 111-90-0 HCAPLUS  
CN Ethanol, 2-(2-ethoxyethoxy)- (8CI, 9CI) (CA INDEX NAME)

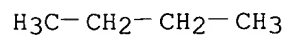


RN 112-80-1 HCAPLUS  
CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



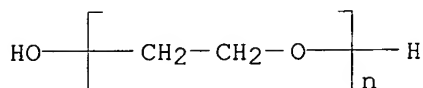
RN 25265-75-2 HCAPLUS  
CN Butanediol (8CI, 9CI) (CA INDEX NAME)



2 ( D1-OH )

RN 25322-68-3 HCAPLUS

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy- (9CI) (CA INDEX NAME)



RN 59113-36-9 HCAPLUS

CN Propanediol, oxybis- (9CI) (CA INDEX NAME)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

=> => fil wpix

FILE 'WPIX' ENTERED AT 09:46:29 ON 02 FEB 2004

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FILE LAST UPDATED: 28 JAN 2004 <20040128/UP>

MOST RECENT DERWENT UPDATE: 200407 <200407/DW>

DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> NEW WEEKLY SDI FREQUENCY AVAILABLE --> see NEWS <<<

>>> SLART (Simultaneous Left and Right Truncation) is now available in the /ABEX field. An additional search field /BIX is also provided which comprises both /BI and /ABEX <<<

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[http://www.stn-international.de/training\\_center/patents/stn\\_guide.pdf](http://www.stn-international.de/training_center/patents/stn_guide.pdf) <<<

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>>> ADDITIONAL POLYMER INDEXING CODES WILL BE IMPLEMENTED FROM DERWENT UPDATE 200403.  
 THE TIME RANGE CODE WILL ALSO CHANGE FROM 018 TO 2004.  
 SDIS USING THE TIME RANGE CODE WILL NEED TO BE UPDATED.  
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=> d all abeq tech abex l172

L172 ANSWER 1 OF 1 WPIX COPYRIGHT 2004 THOMSON DERWENT on STN

AN 2002-692984 [75] WPIX

DNC C2002-196042

TI Composition for veterinary use comprises keratolytic and cerumenolytic cleaning agent, bactericide agent, yeast control agent and anti-irritant and anti-pruriginous agent.

DC A96 B04 B05 C03

IN HOMEDES BEGUER, J; LOPEZ CABRERA, A

PA (LDEV) LAB DEL ESTEVE SA; (BEGU-I) HOMEDES BEGUER J; (CABR-I) LOPEZ CABRERA A

CYC 28

PI EP 1228784 A2 20020807 (200275)\* EN 10p A61P027-16 <--

R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
RO SE SI TR

CA 2370323 A1 20020806 (200275) EN A61K031-60  
ES 2171147 A1 20020816 (200275) A61K035-78 <--  
US 2003068294 A1 20030410 (200327) A61L009-00  
ADT EP 1228784 A2 EP 2001-500299 20011228; CA 2370323 A1 CA 2002-2370323  
20020204; ES 2171147 A1 ES 2001-254 20010206; US 2003068294 A1 US  
2002-43168 20020114  
PRAI ES 2001-254 20010206  
IC ICM A61K031-60; A61K035-78; A61L009-00; A61P027-16  
ICS A01N025-00; A01N025-34; A01N037-36; A01N063-00; A61K031-19;  
A61K031-201; A61L009-01; A61P031-04  
ICI A61K031:19, A61K031:20, A61K031:60, A61K035-78  
AB EP 1228784 A UPAB: 20021120  
NOVELTY - A composition (C1) comprises at least one keratolytic and  
cerumenolytic cleaning agent, at least one bactericide agent, at least one  
yeast control agent and at least one anti-irritant and anti-pruriginous  
agent.

DETAILED DESCRIPTION - A INDEPENDENT CLAIM is also included for a  
single-dose product based on C1 for administration as otic an otic drug  
for veterinary use.

ACTIVITY - Veterinary; Auditory; Antibacterial; Antiseptic;  
Antipruritic; Anti-irritant; Vulnerary.

(C1) was then subjected to assess the cleaning effect. A total number  
of 20 dogs (12 male and 8 females) of 4 - 8 years of age were used. 18  
Dogs were beagles and the other two were mongrels. The study was designed  
so that each was its own control. The product was only applied in the  
right auditory canal of each of the animals, so that the animal's left  
auditory canal was a negative control. The product was applied for a total  
of 30 days. For the first 15 days, between 2 and 3 ml of the product was  
applied once a day and during the next 15 days, the same amount was  
applied every two days. Nothing was applied to the left auditory canal. A  
total of 3 verification visits were made during the study visit 1 as the  
day before the product was applied; visit 2 as when the product had been  
applied daily for 15 days and visit 3 as when the product had been applied  
daily for 15 days and on alternate days for 15 days. A prior analysis of  
the results showed the base line homogeneousness between each animal's two  
auditory canals related to the level of (a) wax and secretions and (b)  
irritation, and related to the number of malassezias in the samples taken  
from each of the two canals. The cleaning effect was assessed according to  
the evolution of the level of wax and secretion between visits 1 and 2 and  
between visits 1 and 3. The visit study showed that the evolution of the  
levels of wax and secretions between visits 1 and 2 and visits 1 and 3,  
were significantly better in the auditory canals to which the product was  
applied. So it was worth mentioning that for the animals that on visits 2  
and 3 presented some level of secretion in the right ear, it was described  
as clear and a bright white color, unlike on the first visit, when it was  
described as dark brown. This happened in 12 of the animals during  
treatment, in 3 of which this white secretion disappeared completely when  
the frequency with which the product was applied was reduced and in the  
rest soon after the end of study.

MECHANISM OF ACTION - None given in source material.

USE - As single dose pharmaceutical product for administration as an  
otic drug for veterinary purpose (claimed); for ear hygiene and for the  
prevention of otitis in dogs and cats.

ADVANTAGE - The composition presents an excellent cleaning effect,  
removing the wax and secretions from the animal's (preferably dog)  
auditory canal, and thus reducing one of the most important factors  
involved in the appearance of otitis in this species. The composition has  
no irritant potential and even helps to reduce existing irritation,  
probably indirectly by reducing the wax and secretions in the auditory  
canal.

Dwg.0/0



FS CPI

FA AB; DCN

MC CPI: **A05-H03**; **A12-V**; **B04-A10**; **B04-A10A**;  
**B04-C03**; **B04-C03D**; **B04-F09**; **B10-C03**; **B10-C04C**;  
**B10-C04D**; **B10-C04E**; **B14-A01**; **B14-N02**; **B14-N17**;  
**B14-N17B**; **B14-S12**; **C04-A10**; **C04-A10A**; **C04-C03**;  
**C04-C03D**; **C10-C03**; **C10-C04C**; **C10-C04D**;  
**C10-C04E**; **C14-N02**; **C14-N17**; **C14-N17B**; **C14-S12**

TECH UPTX: 20021120

TECHNOLOGY FOCUS - PHARMACEUTICALS - Preferred Composition: The composition further includes at least one agent that enhances its cerumenolytic properties (preferably **oleic acid**), at least one vegetable extract with antiseptic and cicatrizant properties and at least one deodorant agent. The composition includes (wt.%)

**propylene glycol** and/or **butylene glycol** (65 - 80); **polyethylene glycol** 400 (10 - 15); **ethoxydiglycol** (2 - 10); deionised water (1 - 5); **glycerine** and/or **diglycerol** (2 - 5); **lactic acid** (1 - 4); **oleic acid** (0.1 - 0.5) and **salicylic acid** (0.1 - 0.5).

TECHNOLOGY FOCUS - BIOLOGY - Preferred Components: The vegetable extract is **Mimosa tenuiflora** extract, **cetraria islandica** extract, and/or **Camomilla recutita** extract. The deodorant agent is extract of **Cetraria islandica**. Preferred Composition: The composition includes (wt.%) extract (1 - 6) of **Cucumis sativus**, **Cetraria islandica**, **Mimosa tenuiflora** and/or **Camomilla recutita**.

ABEX UPTX: 20021120

SPECIFIC COMPOUNDS - **Lactic acid** and/or **salicylic acid** are specifically claimed as the keratolytic and cerumenolytic cleaning agent and the yeast control agent. An extract of **Cetraria islandica** is specifically claimed as the bactericide agent. Also, an extract of **Cucumis sativus** vegetable is specifically claimed as the anti-irritant and anti-pruriginous agent.

EXAMPLE - **Propylene glycol** (7119) was introduced in a completely clean and disinfected recipient and **glycerine** (30 g), **Cucumis sativus** (10 g), **Cetraria islandica** (5 g), and **Mimosa tenuiflora** (5 g) were gradually added. In a separate container, **salicylic acid** (2.2 g), **ethoxydiglycol** (50 g) and **oleic acid** (2.5 g) were mixed. This mixture was added to the above mixture and mixed in the recipient. Sterile de-ionized water (30 g) and **lactic acid** (29.3 g) were mixed and added to the above. Finally, continuing to mix, **polyethylene glycol** 400 (125 g) was added to form a homogeneous product (1000 g).

=&gt; fil uspatall

FILE 'USPATFULL' ENTERED AT 09:51:40 ON 02 FEB 2004

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FILE 'USPAT2' ENTERED AT 09:51:40 ON 02 FEB 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=&gt; d bib abs hitstr 1188

L188 ANSWER 1 OF 1 USPATFULL on STN

AN 2003:99190 USPATFULL

TI Preparation for veterinary use

IN Lopez Cabrera, Antonio, Barcelona, SPAIN

Homedes Beguer, Josep, Barcelona, SPAIN

PI US 2003068294 A1 20030410  
 AI US 2002-43168 A1 20020114 (10)  
 PRAI ES 2001-254 20010206  
 DT Utility  
 FS APPLICATION  
 LREP SUGHRUE, MION, ZINN, MACPEACK & SEAS PLLC, 2100 Pennsylvania Avenue,  
 N.W., Washington, DC, 20037-3202  
 CLMN Number of Claims: 14  
 ECL Exemplary Claim: 1  
 DRWN No Drawings  
 LN.CNT 452

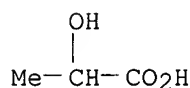
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB It includes at least one keratolytic and cerumenilytic cleaning agent, one bactericide agent, one yeast control agent and one anti-irritant and anti-pruriginous agent. Furthermore, it may include at least one agent that enhances its cerumenilytic properties, at least one vegetable extract with antiseptic and cicatrizant properties and/or at least one deodorant agent.

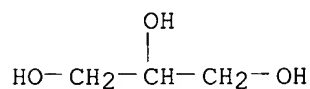
The agent with cleaning keratolytic action and cerumenilytic is lactic acid, salicylic acid, or a mixture of the two. The bactericide agent is *Cetraria islandica* extract. The yeast control agent is lactic acid, salicylic acid or a mixture of the two. The anti-irritant and anti-pruriginous is a vegetal extract of *Cucumis sativus*. The agent that enhances the cerumenilytic effect is oleic acid. The vegetal extract is *Mimosa tenuiflora* extract, *Cetraria islandica* extract, *Camomilla recutita* extract or a mixture of them. The deodorant is *Cetraria islandica* extract.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

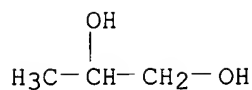
IT 50-21-5, Lactic acid, biological studies 56-81-5, Glycerine, biological studies 57-55-6, Propylene glycol, biological studies 69-72-7, Salicylic acid, biological studies 111-90-0 112-80-1, Oleic acid, biological studies 25265-75-2, Butylene glycol 25322-68-3, Polyethylene glycol 59113-36-9, Diglycerol (topical preps. containing lactic and salicylic acids and vegetable exts. for veterinary use)  
 RN 50-21-5 USPATFULL  
 CN Propanoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



RN 56-81-5 USPATFULL  
 CN 1,2,3-Propanetriol (9CI) (CA INDEX NAME)

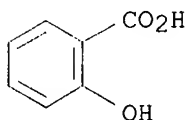


RN 57-55-6 USPATFULL  
 CN 1,2-Propanediol (8CI, 9CI) (CA INDEX NAME)



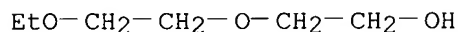
RN 69-72-7 USPATFULL

CN Benzoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)



RN 111-90-0 USPATFULL

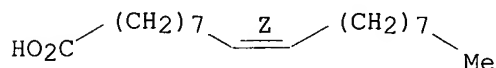
CN Ethanol, 2-(2-ethoxyethoxy)- (8CI, 9CI) (CA INDEX NAME)



RN 112-80-1 USPATFULL

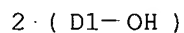
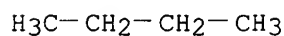
CN 9-Octadecenoic acid (9Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

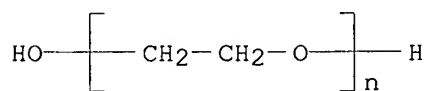


RN 25265-75-2 USPATFULL

CN Butanediol (8CI, 9CI) (CA INDEX NAME)



RN 25322-68-3 USPATFULL

CN Poly(oxy-1,2-ethanediyl),  $\alpha$ -hydro- $\omega$ -hydroxy- (9CI) (CA INDEX NAME)

RN 59113-36-9 USPATFULL

CN Propanediol, oxybis- (9CI) (CA INDEX NAME)

STRUCTURE DIAGRAM IS NOT AVAILABLE

=&gt; d his

(FILE 'HOME' ENTERED AT 08:00:21 ON 02 FEB 2004)  
SET COST OFF

FILE 'REGISTRY' ENTERED AT 08:00:33 ON 02 FEB 2004

L1 1 S POLYETHYLENE GLYCOL/CN  
L2 2 S (GLYCERIN OR DIGLYCEROL)/CN  
L3 9 S C6H14O5/MF AND PROPANEDIOL AND OXYBIS  
L4 2 S (LACTIC ACID OR SALICYLIC ACID)/CN  
L5 3 S 10326-41-7 OR 79-33-4 OR 50-21-5  
L6 10 S 22098-76-6 OR 13076-19-2 OR 13076-17-0 OR 4511-42-6 OR 95-96-  
L7 13 S L5,L6  
SEL RN  
L8 4173 S E1-E13/CRN  
L9 1371 S L8 NOT PMS/CI  
L10 174 S L9 NOT ((IDS OR MXS)/CI OR UNSPECIFIED OR WITH OR COMPD OR C  
L11 29 S L10 AND NR>=1  
L12 145 S L10 NOT L11  
L13 2802 S L8 NOT L9  
L14 1221 S L13 AND C3H6O3  
L15 6 S L14 AND 1/NC  
L16 1589 S L13 AND C6H8O4  
L17 6 S L16 AND 1/NC AND OC2QC2/ES

FILE 'HCAPLUS' ENTERED AT 08:11:50 ON 02 FEB 2004

L18 105 S ETHOXYDIGLYCOL OR ETHOXY DIGLYCOL  
L19 1 S L18 AND (LOPEZ ? OR CABRERA ? OR HOMEDES ? OR BEGUER ?)/AU  
SEL RN

FILE 'REGISTRY' ENTERED AT 08:15:24 ON 02 FEB 2004

L20 9 S E14-E22  
L21 4 S (PROPYLENE GLYCOL OR BUTYLENE GLYCOL)/CN  
L22 1 S OLEIC ACID/CN  
L23 1 S L20 AND C6H14O3

FILE 'HCAPLUS' ENTERED AT 08:25:17 ON 02 FEB 2004

E CUCUMIS SATIVUS/CT  
E E3+ALL  
L24 2475 S E2  
E E2+ALL  
L25 6027 S E16-E18  
L26 2796 S E15+NT  
L27 14643 S E16/BI OR E18/BI  
L28 4074 S E19-E22/BI  
L29 5243 S E7/BI  
L30 1030 S E6/BI  
L31 316 S C SATIVUS  
L32 24 S CORNICHON  
L33 16614 S L24-L32  
E CETRARIA/CT  
E E11+ALL  
L34 103 S E6+NT  
L35 191 S E6/BI  
E E5+ALL  
L36 181 S E5+NT  
L37 283 S E13/BI OR C ISLANDICA OR ICELAND?(2A)MOSS  
E PARMELIACEAE/CT  
E E3+ALL  
L38 22 S E5/BI,CT  
L39 375 S L34-L38  
E MIMOSA/CT  
E E42+ALL  
L40 27 S E8  
L41 30 S E8-E9/BI  
E E7+ALL  
L42 465 S E7+NT

L43 30 S (MIMOSA OR M) () TENUIFLORA  
E MIMOSACEAE  
L44 122 S E2-E8  
L45 951 S L38-L44  
E MATRICARIA/CT  
L46 428 S E13-E15  
E E13+ALL  
L47 577 S E9,E8+NT  
L48 956 S E8/BI OR E9/BI OR E10-E12/BI  
L49 98 S (CHAMOMIL? OR CHAMMOMIL? OR CHAMOMMIL? OR CHAMMOMMIL? OR CAMO  
L50 2239 S CHAMOMIL? OR CHAMMOMIL? OR CHAMOMMIL? OR CHAMMOMMIL? OR CAMOM  
L51 2417 S L47-L50  
L52 30823 S L21  
L53 46270 S PROPYLENEGLYCOL OR BUTYLENEGLYCOL OR (PROPYLENE OR BUTYLENE) (  
L54 61595 S L52,L53  
L55 72924 S L1  
L56 109556 S POLYETHYLENEGLYCOL OR POLYETHYLENEOXIDE OR (POLYETHYLENE OR P  
L57 46094 S POLYOXYETHYLENE OR (POLYOXY OR POLY OXY) () ETHYLENE OR POLY() (  
L58 16411 S PEO OR POE OR EO  
E POLYALKYLENE/CT  
E POLYOXYALKYLENE/CT  
E POLYOXYALKYLENES/CT  
L59 61702 S E3  
E POLYOXYALKYLENES, /CT  
L60 40104 S E6,E7,E20,E21  
L61 187271 S L55-L60  
L62 81898 S L4-L7,L12,L15,L17  
L63 188072 S LACTIC ACID OR LACTATE OR SALICYLIC ACID OR SALICYLATE  
L64 134032 S ?LACTIC?  
L65 257737 S L62-L64  
L66 41220 S L22  
L67 69444 S OLEIC ACID OR OLEATE  
L68 79799 S L66,L67  
L69 2641 S L23  
L70 231 S 2 2 ETHOXYETHOXY ETHANOL  
L71 1219 S DIETHYLENE GLYCOL MONOETHYL ETHER  
L72 256 S DIETHYLENE GLYCOL ETHYL ETHER  
L73 238 S TRANSCUTOL  
L74 2720 S CARBITOL  
L75 96 S ETHYLCARBITOL  
L76 5647 S L18,L69-L75  
L77 56458 S L2 OR L3  
L78 148017 S GLYCERIN# OR DIGLYCEROL# OR DIGLYCERIN# OR GLYCEROL#  
L79 6792 S 1 2 3 PROPANETRIOL  
L80 6972 S PROPANETRIOL  
L81 154483 S L77-L80  
L82 204 S L54 AND L33,L39,L45,L51  
L83 291 S L61 AND L33,L39,L45,L51  
L84 11 S L76 AND L33,L39,L45,L51  
L85 378 S L81 AND L33,L39,L45,L51  
L86 198 S L68 AND L33,L39,L45,L51  
L87 594 S L65 AND L33,L39,L45,L51  
L88 166 S L82 AND L83-L87  
L89 121 S L83 AND L84-L87  
L90 6 S L84 AND L85-L87  
L91 100 S L85 AND L86-L87  
L92 34 S L86 AND L87  
L93 97 S L88 AND L89-L92  
L94 121 S L89 AND L90-L82  
L95 3 S L90 AND L91-L92  
L96 26 S L91 AND L92  
L97 72 S L93 AND L94-L96  
L98 14 S L94 AND L95,L96

L99 2 S L95 AND L96  
L100 7 S L97 AND L98,L99  
L101 6 S L100 NOT STATUS/TI  
E LOPEZ C/AU  
E LOPEZ CABRERA/AU  
L102 12 S E4,E5  
E CABRERA/AU  
L103 47 S E10  
E HOMEDES B/AU  
L104 3 S E4  
L105 1 S E6  
E BEGUER/AU  
L106 23 S (DELESTEVE? OR DEL()ESTEVE?)/PA,CS  
L107 1 S L102-L106 AND L33,L39,L45,L51  
L108 1 S L39 AND L65 AND L33 AND L68 AND (L51 OR L45)  
L109 1 S L107,L108,L19  
L110 1 S L109 AND L18,L19,L24-L109  
E WOUND/CT  
L111 10487 S E6+NT OR E9+NT OR E10  
L112 51 S L111 AND YEAST/CT  
E PRURI/CT  
L113 3 S L112 AND E10-E12  
L114 1 S L113 NOT (OLIGO? OR CARBO?)/TI  
L115 1 S L110,L114

FILE 'HCAPLUS' ENTERED AT 09:15:21 ON 02 FEB 2004.

FILE 'DPCI' ENTERED AT 09:15:48 ON 02 FEB 2004

E EP1228784/PN  
E ES2171147/PN  
E ES2001-254/AP,PRN

FILE 'WPIX' ENTERED AT 09:16:49 ON 02 FEB 2004

L116 1 S EP1228784/PN  
L117 3792 S L27/BIX OR L28/BIX OR L29/BIX OR L30/BIX OR L31/BIX OR L32/BIX  
L118 36 S L35/BIX OR L37/BIX OR L38/BIX  
L119 17 S L41/BIX OR L43/BIX OR L44/BIX  
L120 1206 S L49/BIX OR L50/BIX  
L121 23930 S L53/BIX  
E PROPYLENEGLYCOL/DCN  
E PROPYLENE GLYCOL/DCN  
E E3+ALL  
L122 6534 S E2 OR 0137/DRN  
E BUTYLENE GLCYOL/DCN  
E E4+ALL  
L123 663 S E2 OR 1390/DRN  
L124 1471 S E4 OR 0831/DRN  
L125 1910 S E6 OR 0908/DRN  
L126 565 S E8 OR 1312/DRN  
L127 4451 S L122-L126 AND L117-L121  
L128 58467 S L56/BIX OR L57/BIX OR L58/BIX  
L129 8564 S R02044/DCN OR 2044/DRN  
L130 11689 S A05-H03?/MC  
L131 6483 S L128-L130 AND L117-L121  
L132 40550 S L63/BIX OR L64/BIX  
E LACTIC ACID/DCN  
E E3+ALL  
L133 6606 S E2 OR 0009/DRN  
E LACTIC ACID/DCN  
E E7+ALL  
L134 322 S E2  
E LACTIC ACID/DCN  
E E14+ALL

L135 12 S E2  
L136 1733 S E4  
L137 41 S E6  
L138 64 S E16  
L139 116 S E18  
E SALICYLIC ACID/DCN  
E E3+ALL  
L140 3052 S E2 OR 0291/DRN  
E SALICYLIC ACID/DCN  
E E16+ALL  
L141 920 S E2  
L142 220 S E4  
L143 10752 S (B10-C03 OR C10-C03)/MC  
L144 19253 S (B10-C04C OR C10-C04C OR B10-C04D OR C10-C04D OR B10-C04E OR  
L145 1563 S L133-L144 AND L117-L121  
L146 1686 S L18/BIX OR L70/BIX OR L71/BIX OR L72/BIX OR L73/BIX OR L74/BIX  
L147 364 S L146 AND L117-L121  
L148 11413 S L67/BIX  
E OLEIC ACID/DCN  
E E3+ALL  
L149 4629 S E2 OR 0954/DRN  
E OLEIC ACID/DCN  
E E15+ALL  
L150 88 S E2  
L151 824 S E4  
L152 452 S E6 OR 1148/DRN  
L153 294 S L149-L152 AND L117-L121  
L154 43769 S L78/BIX OR L79/BIX OR L80/BIX  
E GLYCERIN/DCN  
E E9+ALL  
L155 11194 S E2 OR 0113/DRN  
E DIGLYCEROL/DCN  
E E3+ALL  
L156 171 S E2  
L157 8040 S L154-L156 AND L117-L121  
L158 23 S L127 AND L131 AND L145 AND L153 AND L157  
L159 4 S L158 AND A61K035-78/IC, ICM, ICS, ICA, ICI  
L160 5 S L158 AND (B04-A? OR C04-A?)/MC  
L161 7 S L159, L160  
L162 16 S L158 NOT L159-L161

FILE 'WPIX' ENTERED AT 09:46:29 ON 02 FEB 2004

L163 36 S L35/BIX OR L37/BIX OR L38/BIX  
L164 3 S L163 AND L157  
L165 1 S L116 AND L117-L164  
L166 36 S L163, L118  
L167 1 S L166 AND L117  
L168 1 S L166 AND L119  
L169 4 S L166 AND L120  
L170 1 S L165, L167, L168  
L171 3 S L169 NOT L170  
L172 1 S L170 AND L116-L171

FILE 'USPATFULL, USPAT2' ENTERED AT 09:51:40 ON 02 FEB 2004

L173 8783 S L33  
L174 68 S L39  
L175 108 S L45  
L176 2565 S L51  
L177 8783 S L173 OR CUCUMIS SATIVUS  
L178 68 S L174 OR CETRARIA ISLAND?  
L179 108 S L175 OR MIMOSA TENUIFLOR?  
L180 2565 S L176 OR MATRICARIA RECUT?  
L181 2 S L177 AND L178 AND L179 AND L180

L182	2233 S L54 AND L173-L180
L183	1468 S L182 AND L61
L184	146 S L183 AND L76
L185	119 S L184 AND L81
L186	88 S L185 AND L65
L187	1 S L186 AND L22
L188	1 S L187 AND L181
L189	1 S L181 NOT L188

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